

Project Number:		Operation:
Project Title: Use Less Hazardous Substitutes for Wipe and Cleaning Solvents		
Current Practice and Baseline:		
<p>New Process: Federal facilities should purchase environmentally friendly or non-hazardous substitutes instead of the hazardous cleaners and solvents currently being used. These substitutes are less toxic, replace TRI chemicals, and help organizations comply with pollution prevention goals. Substitute surface preparation chemicals are available in aqueous and semi-aqueous. Aqueous solvents are generally used in full strength or can be diluted with water.</p>		
<p>Benefits: The use of TRI chemicals would be reduced. Workers exposure to hazardous chemicals will also be reduced.</p>		
Vendor Information and Customer Assistance:		
<p><u>Customer Service</u> National Customer Service Center (GSA, 6FR) 1500 E. Bannister Rd Kansas City, MO 64131-3088 (800) 488-3111 FAX: (816) 926-6952</p>		
<u>Vendor</u>	<u>Product Information</u>	<u>Remarks</u>
The Butcher Company* GS-10F-40439 Min Order: \$102.60, with additional volume discounts	Above Floor Finish 1-gal, 5-gal, and 55-gal drums \$10.00-\$11.00 per gallon High Noon Floor Finish 1-gal,5-gal, and 55-gal drums \$10.15-\$11.25 per gallon	Metal-complexed pure acrylic polymer floor finish with no styrene or resin content. Dries in 20 minutes Urethane-fortified acrylic copolymer finish with high gloss and durability. Good for high speed burnishing
Cleaning Solutions, Inc* GS-10F-40403 Min Order: \$102.60, with additional volume discounts Delivery: 20 days	Statement Concrete Sealer and Coating 2 2.64-gal containers \$12.50 per gallon	One step sealer/coating for concrete. Effective on resilient floor tiles, including vinyl asbestos, and other sealed hard surfaces.
Diamond Chemical Company* GS-10F-40405 Min Order: \$102.60 Delivery: 20 days	Wondershield Hydrocoat Floor Finish 1-gal, 5-gal, and 55-gal drums \$8.50-\$9.25 per gallon	Acrylic coating that yields the protection and toughness of polyurethanes.
3M Home and Commercial* Care Division GS-10F-40440 Min Order: \$102.60 Delivery: 15 days	3M Top Line Pre-Burnish Floor Conditioner 1-gal containers \$16.50 per gallon	Conditioner is a green, low-foaming concentrated cleaner. Will clean and condition hard floors before burnishing

Project Number:		Operation:
Project Title: Use Less Hazardous Substitutes for Wipe and Cleaning Solvents		
National Chemical Laboratories of PA* GS-10F-40375 Min Order: \$102.60 Delivery: 10 days	Perfection 1-gal, 5-gal, and 55-gal drums \$7.50-\$8.50 per gallon	Combines a pure virgin polymer system with a blend of synthetic waxes. Can be used at all equipment speeds.
SC Johnson Professional* GS-10F-40455 Min Order: \$205.20, with additional volume discounts Delivery: 10 Days	JX-4000 Concrete Sealer and Finish 5-gal bucket \$11.25 per gallon	Urethane formula requires no etching; adheres to most floors; re-coats in 1-2 hours.
Zep Manufacturing Company* GS-10F-40389 Min Order: \$51.30 Delivery: 7 Days	Zep Strip-Ease Remover 1-gal, 7-gal, 20-gal, and 55-gal drums \$8.50-\$10.00 per gallon	Heavy-duty, low-foam stripper designed to remove a heavy build-up of most floor finishes, without scrubbing. Works in 8-10 minutes.
	Zep Solo Sealer 1-gal, 7-gal, 20-gal, and 55-gal drums \$14.50-\$16.00 per gallon	Metal-interlocked, acrylic copolymer emulsion floor sealer/finish. Dries in 30 minutes. Works on several different floor types.
	Zep Z-Green 1-quart, 1-gal, 7-gal, and 55-gal drums \$4.50-\$5.75 per gallon	Non-toxic, safer alternative for cleaning and degreasing all washable surfaces. Non-butyl, non-caustic, non-carcinogenic and biodegradable.
* = Has GSA Contract		
Vendor Assistance: The GSA publishes the <i>Environmental Products Guide</i> (Spring 1998) which provides information on a variety of alternative cleaning products. The catalog lists for each product, information on the manufacturer, product, applications, what the product replaces, unit of use, NSN, and price. The <i>Environmental Products Guide</i> is available from GSA on the Internet at www.gsa.gov . Substitutes for common degreasers and cleaners are listed below.		
<u>1,1,1-Trichloroethane Substitutes</u> <ul style="list-style-type: none"> • Brulin 63-G, Brulin Corporation <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-394-0166 - 55-gal drum, NSN 6850-01-394-0169 • Formula 815 GD, Brulin Corporation <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-392-8433 - 55-gal drum, NSN 6850-01-392-8430 • 1D/4R, Finger Lakes Chemicals <ul style="list-style-type: none"> - 1-gal can, NSN 6850-01-430-7140 • 3-D Degreaser, Finger Lakes Chemicals <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-383-3058 - 55-gal drum, NSN 6850-01-383-3052 		

Project Number:	Operation:
Project Title: Use Less Hazardous Substitutes for Wipe and Cleaning Solvents	
<ul style="list-style-type: none"> • Safe Stuff, Finger Lakes Chemicals <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-383-3047 - 55-gal drum, NSN 6850-01-383-3054 • Safety Prep, Inland Technology <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-381-5139 - 55-gal drum, NSN 6850-01-381-5088 	
<p><u>MEK Substitutes</u></p> <ul style="list-style-type: none"> • 1D/4R, Finger Lakes Chemicals <ul style="list-style-type: none"> - 1-gal can, NSN 6850-01-430-7140 • Degreaser, Finger Lakes Chemicals <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-383-3058 - 55-gal drum, NSN 6850-01-383-3052 • Safe Stuff, Finger Lakes Chemicals <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-383-3047 - 55-gal drum, NSN 6850-01-383-3054 • Safety Prep, Inland Technology <ul style="list-style-type: none"> - 5-gal can, NSN 6850-01-381-5139 - 55-gal drum, NSN 6850-01-381-5088 <p><u>Chlorinated Substitutes</u></p> <ul style="list-style-type: none"> • Rip-Tide, Ecolink, Inc. <ul style="list-style-type: none"> - 6-gal can, NSN 6850-01-394-0165 - 55-gal drum, NSN 6850-01-394-0161 <p>DSCR also maintains the Hazardous Technical Information Service (HTIS), which provides information on alternative materials and publishes a newsletter on substitute materials and practices for hazardous materials. The phone number for HTIS is (800) 848-4897. Other sources of information on hazardous materials substitutes include:</p> <ul style="list-style-type: none"> • Defense Environmental Network and Information Exchange (DENIX), DECIM, Hoffman 2, Room 12S49, 200 Stovall Street, Alexandria, VA 22332 (800) 642-3332. • Pollution Prevention Information Clearinghouse, U.S. EPA, 401 M Street, SW, Washington, DC 20460 (202) 260-1023. <p>The internet also has a wealth of information sources on alternative materials. These sources include:</p> <ul style="list-style-type: none"> • Enviro\$en\$e, http://es.epa.gov/index.html 	

Project Number:		Operation:	
Project Title: Use Less Hazardous Substitutes for Wipe and Cleaning Solvents			
Recommended Action Plan:			
Activity		Principal	Completion Date
1. Contact vendor to verify substitute is an acceptable replacement.			
2. Examine procurement procedures and make sure vendor is cleared for equipment sale or if it is necessary to identify other available substitutes.			
3. Acquire substitute.			
4. Evaluate performance of substitute			
5. Continue use or acquire another substitute.			